

AMENDMENTS TO THE SPECIFICATION:

Please add the following heading after the title:

FIELD OF THE INVENTION

Please add the following heading after paragraph 0002:

BACKGROUND

Please add the following heading after paragraph 0008:

BRIEF SUMMARY OF THE INVENTION

Please add the following heading after paragraph 0023:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following heading after paragraph 0027:

DETAILED DESCRIPTION OF THE INVENTION

Please replace paragraph [0001] with the following amended paragraph:

The invention relates to an apparatus/a medical utensil for adjustment of the length of an infusion tubing, comprising a housing with an axle/cylinder part arranged around including a central axis, said housing further comprising at least one turnable unit.

Please replace paragraph [0002] with the following amended paragraph:

The invention also relates to a method for adjustment of the length of an infusion tubing by means of an apparatus comprising a housing with an axle/cylinder part arranged around including a central axis, said housing further comprising at least one turnable unit.

Please replace paragraph [0013] with the following amended paragraph:

The apparatus works in that a tubing is mounted in the housing such that, from the housing, two free tubular elements extend, where the one tubular element is connected to an infusion cannula, and wherein the second tubular element is connected to an infusion pump. The two tubing ends will typically be configured such that the one tubing end is adjustable in length, while the second tubing end has a fixed distance to the housing as such. About half of the tubing is wound around a so-called winder-wheel

cylinder part situated within the housing proper and being fixedly/non-turnably journaled, albeit it may also be turnable. The tubing is conveyed around an auxiliary means within the housing as such, designated a return wheel, such that the tubing is caused to proceed to an upper rotatable wheel, and wherein the tubing is, in relation to the ~~fixed-winder-wheel~~ cylinder part, extending in the one direction of rotation, while the tubing wound around the rotatable winder wheel will be extending in the opposite direction. The free end of the tubing is subsequently led out through the housing. The tubing length is distributed such that there are equal lengths of tubing wound on the ~~fixed-winder-wheel~~ cylinder part and the rotating winder wheel, respectively.

Please replace paragraph [0015] with the following amended paragraph:

The tubing is unwound from the rotating wheel and thus constitutes the extension. The rotating wheel turns on the axle due to the pull that is exerted on the tubing, and due to the internal construction tubing will be conveyed from the lower ~~fixed-winder-wheel~~ cylinder part to the rotating wheel. The construction of the individual elements means that the transfer from the one wheel to the other will constitute a length of tubing, whose length is half that unwound from the ~~winder~~ cylinder part.

Please replace paragraph [0016] with the following amended paragraph:

Finally, it is an option to let a part of the interior, corresponding to the part designated the partition plate, be spring-biased such that it is possible to have the tubing pulled into the apparatus/winder.

Please replace paragraph [0017] with the following amended paragraph:

~~By providing an apparatus according~~ According to one aspect of the invention ~~and as further featured in claim 2 it is accomplished that only the~~ including a cylinder part and a wheel part that are rotatable relative to each other, one end of the tubing can be pulled out of the housing. The term 'stationary' as used in this context is intended to designate 'non-turnable' and 'immovable'.

Please replace paragraph [0018] with the following amended paragraph:

~~By providing an apparatus according to~~ According to another aspect of the invention ~~and as further featured in claim 3 it is accomplished that including a cylinder part that is a~~
stationary axle, both ends of the tubing can be pulled out of the housing.

Please replace paragraph [0019] with the following amended paragraph:

~~By providing an apparatus according to~~ According to another aspect of the invention ~~and as further featured in claims 4-6 the apparatus may include a cylinder part that is a~~
turnable axle, a return wheel that is turnable about a first axle mounted on a partition
plate. An aspect of the invention may also include a spring connected to the partition
plate and to a part which is stationary in the housing. ~~an expedient embodiment of the~~
~~apparatus is accomplished.~~

Please replace paragraph [0020] with the following amended paragraph:

By providing an apparatus according to another aspect of the invention ~~and as further~~
~~featured in claim 7 where the diameter of the cylinder part and the wheel part are~~
essentially identical, it is an option to automatically pull the tubing back into the housing
again.

Please replace paragraph [0021] with the following amended paragraph:

By providing an apparatus according to another aspect of the invention ~~and as further~~
~~featured in claim 8~~ convenient exchange is accomplished between the two cylinder
parts.

Please replace paragraph [0022] with the following amended paragraph:

The invention also relates to a method for adjusting the length of an infusion tubing as
featured in claims 7-12.

Please cancel paragraph [0023]:

~~Finally the invention also relates to use of the apparatus as recited in claims 13 and 14.~~

Please replace paragraph [0028] with the following amended paragraph:

FIG. 1 shows an apparatus 1 in an exploded view, with a housing 3 and comprising an upper part 16 and a lower part 17. Both the upper and the lower parts are circularly configured pieces, wherein the lower part is plate-shaped. Coaxially on this plate, an axle/cylinder part 4 is arranged, in this case also designated fixed winder wheel/stationary axle, about which a part of an infusion tubing 2 can be wound. It is noted that the cylinder part 4 can be turnable and/or it can be locked by means of e.g. a manually operated lock. In this embodiment, the cylinder part 4, however, is not turnable. In parallel with the axis and coincident therewith, a first axle 9 extends, and on said first axle 9 a first plate 10, also designate the partition plate, is arranged. Thus, the partition plate 10 has a through-going bore, through which the axle 9 extends. In the periphery of the partition plate 10, a rectangular slit is provided, in which a circular plate is secured, also designated return wheel 12, the diameter of which is considerably less than the diameter of the partition plate and about one third thereof, and wherein the outer periphery of said return wheel is flush with the periphery of the partition plate or is located within same.

Please replace paragraph [0032] with the following amended paragraph:

The functioning of the apparatus 1 is that the tubing 2 is conveyed into the winder such that a short length of the tubing 2 allows coupling to e.g. a pump. About half of the tubing, designated the first length of tubing 5, is wound around the ~~fixed-winder-wheel~~ cylinder part 4. The tubing is subsequently conveyed around the return wheel 12. The return wheel is mounted on the plate 10 that separates the fixed and the rotating winder wheel. The return wheel ensures that the tubing is wound onto the rotating winder wheel 11 and the ~~fixed-winder-wheel~~ cylinder part 4 in each their direction, ie clockwise/counter-clockwise. Simultaneously the return wheel 12 conveys the tubing 2 past the partition plate 10, such that the tubing 2 is conveyed from the ~~fixed-winder~~

~~wheel~~cylinder part 4 to the rotating winder wheel 11. The remainder of the tubing and designated the second length of tubing 18 is wound onto the rotating winder wheel 11. There are equal amounts of tubing wound on the two winder wheels in this example. When extension of the tubing is to be accomplished, the following occurs: the tubing 2 is unwound from the rotating wheel 11 by a pull in the length of tubing 7. The rotating wheel 11 turns about the axle 9, whereby the return wheel 12 will be forced to follow. Since, via the partition plate 10, the return wheel 12 rotates about the central axle 9, tubing will be transferred from the fixed to the rotating wheel.

Please replace paragraph [0034] with the following amended paragraph:

Simultaneously the return wheel 12 has moved just as much in relation to the ~~fixed winder wheel~~ cylinder part 4 that has unwound precisely the length of tubing that was transferred to the rotating winder wheel.

Please replace paragraph [0036] with the following amended paragraph:

It should also be mentioned that both the ~~fixed winder wheel~~ cylinder part and the rotating winder wheel have a height corresponding to the height of the winding of the tubing, and it follows that this height is a function of how much tubing is desired to be stored in the apparatus. The partition plate as such is relatively thin, its object being ia to carry the return wheel 12 , which—as it is—is also rotatable about an axle mounted in the partition plate.

Please replace paragraph [0040] with the following amended paragraph:

~~A fixed winder wheel~~ cylinder part secured on the axle;

Please replace paragraph [0041] with the following amended paragraph:

A partition plate mounted on the axle after the ~~fixed wheel~~ cylinder part;

Please replace paragraph [0042] with the following amended paragraph:

A return wheel mounted on the partition plate; the axle of the return wheel being displaced in relation to the central axle such that the return wheel does not overlap the ~~fixed wheel~~ cylinder part or the rotating wheel;

Please replace paragraph [0047] with the following amended paragraph:

Besides, it should be noted that the apparatus can be configured such that both ends on the tubing can be pulled outwards. That is, the axle cylinder part 4 and the turnable wheel **11** can both be turnable. Both units can also be made non-turnable by means of a lock. In this manner the patient himself is able to regulate which of the two units is to be turnable and hence which of the tubing ends is to be adjustable in length, including optionally both ends.